Recycler Tune Control Application (PA4208, R2) - Bug #8542

Chromes: Cons doesn't Work

04/30/2015 02:10 PM - Michael Wren

Status:	Closed	**Start date:**	04/30/2015
Priority:	Low	**Due date:**	
Assignee:	Kyle Hazelwood	**% Done:**	0%
Category:		**Estimated time:**	1.00 hour
Target version:	1.1	**Spent time:**	1.00 hour

Description

The Chrome setting page has a 'Cons' function to set all chromes the same value. This function does not actually change the chromes if the first slot would be unchanged.

History

#1 - 05/07/2015 10:42 AM - Kyle Hazelwood

- Status changed from New to Assigned

- Assignee set to Kyle Hazelwood

- Priority changed from Normal to Low

- Target version set to 1.1

- Estimated time set to 1.00 h

What is happening is that the prompt that appears for the user to input the new Chrom values defaults to the first slots value. If your first slot is different than other slots but you wish to make all slots equal to the first slot it will not work. This is because the winput_c() prompt being used to get the values from the user returns a status telling the program if the user had made any changes to the values. Status 1 TRUE meaning changes have been made, status 0 FALSE meaning no changes have been made. R2 does a check to see if the status returned from winput_c() is > 0. This is not the correct check to make. winput_c() is also capable of returning a failed statuses. The appropriate check would be to look for TRUE or FALSE which would imply no failure occured and the user did not abort out of the prompt.

I need to alter chro.cpp line 431 to check sts TRUE || sts FALSE

```
else if (in_window_field_c(wid,R_CMD,C_CH,16)) //Cons function
{
    if (in_window_field_c(wid,R_CMD,C_CH,5)) pl = HORZ;
    else if (in_window_field_c(wid,R_CMD,C_CV,5)) pl = VERT;
    else goto out;

    sl1 = 0;
    sl2 = q.num_slots - 1;
    val = q.slot[sl1].dq[pl];
    sts = cons_update(pl,&sl1,&sl2,&val);
    if (sts > 0 && sl2 >= sl1 && sl2 < q.num_slots) {
        for (sl = sl1; sl < sl2+1; sl++) {
            row = window_entry_to_row_c(wid, sl);
            q.slot[sl].dq[pl] = chv_check(pl,val);
            window_display_value_c(wid,row,(pl==HORZ)?C_CH:C_CV,
                    (void *)&q.slot[sl].dq[pl],CNV_FLOAT,len,GREEN);
        }
    }
}
```

#2 - 05/07/2015 10:45 AM - Kyle Hazelwood

I also need to add the calculate to the function

#3 - 05/07/2015 11:03 AM - Kyle Hazelwood

- Status changed from Assigned to Closed

Released.